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Sequence Listing was accepted.

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Reviewer: markspencer

Timestamp: [year=2008; month=7; day=8; hr=8; min=28; sec=28; ms=260;]

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Application No: 09370453 Version No: 3.0

Input Set:

Output Set:

Started: 2008-07-08 08:22:04.146
Finished: 2008-07-08 08:22:06.742
Elapsed: 0 hr(s) 0 min(s) 2 sec(s) 596 ms
Total Warnings: 65
Total Errors: 0
No. of SeqIDs Defined: 77
Actual SeqID Count: 77

Error code	Error Description
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W 213	Artificial or Unknown found in <213> in SEQ ID (2)
W 213	Artificial or Unknown found in <213> in SEQ ID (4)
W 213	Artificial or Unknown found in <213> in SEQ ID (5)
W 213	Artificial or Unknown found in <213> in SEQ ID (6)
W 402	Undefined organism found in <213> in SEQ ID (7)
W 213	Artificial or Unknown found in <213> in SEQ ID (9)
W 213	Artificial or Unknown found in <213> in SEQ ID (10)
W 213	Artificial or Unknown found in <213> in SEQ ID (12)
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W 213	Artificial or Unknown found in <213> in SEQ ID (24)
W 213	Artificial or Unknown found in <213> in SEQ ID (25)
W 213	Artificial or Unknown found in <213> in SEQ ID (26)
W 213	Artificial or Unknown found in <213> in SEQ ID (27)

Input Set:

Output Set:

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Elapsed: 0 hr(s) 0 min(s) 2 sec(s) 596 ms
Total Warnings: 65
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Actual SeqID Count: 77

Error code	Error Description
W 213	Artificial or Unknown found in <213> in SEQ ID (28) This error has occurred more than 20 times, will not be displayed

SEQUENCE LISTING

<110> Denney, Jr., Dan W.

<120> Vaccines for Treatment of Lymphoma and Leukemia

<130> GENITOPE-03849

<140> 09370453

<141> 2008-07-08

<160> 77

<170> PatentIn version 3.3

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<220>

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<210> 2

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<213> Artificial Sequence

<220>

<223> Synthetic

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gatccgaatt cggcctccgc ggccgctcta gatgca 36

<210> 3

<211> 677

<212> DNA

<213> Simian virus 40

<400> 3

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 <213> Homo sapiens

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<220>
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<210> 13
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 <212> DNA
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 <222> (88)..(741)

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Met Pro Thr Arg Ser Pro Ser Val Val	
1 5	
att agc gat gat gaa cca ggt tat gac cta gat ttg ttt tgt ata cct	162
Ile Ser Asp Asp Glu Pro Gly Tyr Asp Leu Asp Leu Phe Cys Ile Pro	
10 15 20 25	
aat cat tat gcc gag gat ttg gaa aaa gtg ttt att cct cat gga ctg	210
Asn His Tyr Ala Glu Asp Leu Glu Lys Val Phe Ile Pro His Gly Leu	
30 35 40	
att atg gac agg act gaa aga ctt gct cga gat gtc atg aag gag atg	258
Ile Met Asp Arg Thr Glu Arg Leu Ala Arg Asp Val Met Lys Glu Met	
45 50 55	
gga gcc cat cac att gtg gcc ctg tgt gtg ctg aag ggg gcc tat aag	306
Gly Gly His His Ile Val Ala Leu Cys Val Leu Lys Gly Gly Tyr Lys	
60 65 70	
ttc ttt gct gac ctg ctg gat tac att aaa gca ctg aat aga aat agt	354
Phe Phe Ala Asp Leu Leu Asp Tyr Ile Lys Ala Leu Asn Arg Asn Ser	
75 80 85	
gat aga tcc att cct atg act gta gat ttt atc aga ctg aag agc tac	402
Asp Arg Ser Ile Pro Met Thr Val Asp Phe Ile Arg Leu Lys Ser Tyr	
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tgt aat gat cag tca acg ggg gac ata aaa gtt att ggt gga gat gat	450
Cys Asn Asp Gln Ser Thr Gly Asp Ile Lys Val Ile Gly Gly Asp Asp	
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ctc tca act tta act gga aag aat gtc ttg att gtt gaa gat ata att	498
Leu Ser Thr Leu Thr Gly Lys Asn Val Leu Ile Val Glu Asp Ile Ile	
125 130 135	
gac act ggt aaa aca atg caa act ttg ctt tcc ctg gtt aag cag tac	546
Asp Thr Gly Lys Thr Met Gln Thr Leu Leu Ser Leu Val Lys Gln Tyr	
140 145 150	
agc ccc aaa atg gtt aag gtt gca agc ttg ctg gtg aaa agg acc tct	594
Ser Pro Lys Met Val Lys Val Ala Ser Leu Leu Val Lys Arg Thr Ser	
155 160 165	
cga agt gtt gga tac agg cca gac ttt gtt gga ttt gaa att cca gac	642
Arg Ser Val Gly Tyr Arg Pro Asp Phe Val Gly Phe Glu Ile Pro Asp	
170 175 180 185	
aag ttt gtt gtt gga tat gcc ctt gac tat aat gag tac ttc agg aat	690
Lys Phe Val Val Gly Tyr Ala Leu Asp Tyr Asn Glu Tyr Phe Arg Asn	
190 195 200	
ttg aat cac gtt tgt gtc att agt gaa act gga aaa gcc aaa tac aaa	738
Leu Asn His Val Cys Val Ile Ser Glu Thr Gly Lys Ala Lys Tyr Lys	
205 210 215	

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Ala

gccagtaaaa ttagcaggtg ttctagtcct gtggccatct gcctagtaaa gctttttgca 851
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<212> PRT
<213> Mus musculus

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Glu Lys Val Phe Ile Pro His Gly Leu Ile Met Asp Arg Thr Glu Arg
35 40 45

Leu Ala Arg Asp Val Met Lys Glu Met Gly Gly His His Ile Val Ala
50 55 60

Leu Cys Val Leu Lys Gly Gly Tyr Lys Phe Phe Ala Asp Leu Leu Asp
65 70 75 80

Tyr Ile Lys Ala Leu Asn Arg Asn Ser Asp Arg Ser Ile Pro Met Thr
85 90 95

Val Asp Phe Ile Arg Leu Lys Ser Tyr Cys Asn Asp Gln Ser Thr Gly
100 105 110

Asp Ile Lys Val Ile Gly Gly Asp Asp Leu Ser Thr Leu Thr Gly Lys
115 120 125

Asn Val Leu Ile Val Glu Asp Ile Ile Asp Thr Gly Lys Thr Met Gln
130 135 140

Thr Leu Leu Ser Leu Val Lys Gln Tyr Ser Pro Lys Met Val Lys Val
145 150 155 160

Ala Ser Leu Leu Val Lys Arg Thr Ser Arg Ser Val Gly Tyr Arg Pro
165 170 175

Asp Phe Val Gly Phe Glu Ile Pro Asp Lys Phe Val Val Gly Tyr Ala
180 185 190

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Ser Glu Thr Gly Lys Ala Lys Tyr Lys Ala
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<213> Artificial Sequence

<220>

<223> Synthetic

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<212> DNA
<213> Mus musculus

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<222> (13)..(573)

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Asn Met Gly Ile Gly Lys Asn Gly Asp Leu Pro Trp Pro Pro Leu Arg
15 20 25

aac gag ttc aag tac ttc caa aga atg acc aca acc tct tca gtg gaa 147
Asn Glu Phe Lys Tyr Phe Gln Arg Met Thr Thr Thr Ser Ser Val Glu
30 35 40 45

ggt aaa cag aat ctg gtg att atg ggt agg aaa acc tgg ttc tcc att 195
Gly Lys Gln Asn Leu Val Ile Met Gly Arg Lys Thr Trp Phe Ser Ile
50 55 60

cct gag aag aat cga cct tta aag gac aga att aat ata gtt ctc agt 243
Pro Glu Lys Asn Arg Pro Leu Lys Asp Arg Ile Asn Ile Val Leu Ser
65 70 75

aga gaa ctc aaa gaa cca cca cga gga gct cat ttt ctt gcc aaa agt 291
Arg Glu Leu Lys Glu Pro Pro Arg Gly Ala His Phe Leu Ala Lys Ser
80 85 90

ttg gat gat gcc tta aga ctt att gaa caa ccg gaa ttg gca agt aaa 339
Leu Asp Asp Ala Leu Arg Leu Ile Glu Gln Pro Glu Leu Ala Ser Lys
95 100 105

gta gac atg gtt tgg ata gtc gga ggc agt tct gtt tac cag gaa gcc 387
Val Asp Met Val Trp Ile Val Gly Gly Ser Ser Val Tyr Gln Glu Ala
110 115 120 125

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Met Asn Gln Pro Gly His Leu Arg Leu Phe Val Thr Arg Ile Met Gln
130 135 140

gaa ttt gaa agt gac acg ttt ttc cca gaa att gat ttg ggg aaa tat 483

Glu Phe Glu Ser Asp Thr Phe Phe Pro Glu Ile Asp Leu Gly Lys Tyr
145 150 155

aaa ctt ctc cca gaa tac cca ggc gtc ctc tct gag gtc cag gag gaa 531
Lys Leu Leu Pro Glu Tyr Pro Gly Val Leu Ser Glu Val Gln Glu Glu
160 165 170

aaa ggc atc aag tat aag ttt gaa gtc tac gag aag aaa gac 573
Lys Gly Ile Lys Tyr Lys Phe Glu Val Tyr Glu Lys Lys Asp
175 180 185

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ccatgggact ttgctggct ttagatctat gcggccgc 671

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<213> Mus musculus

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35 40 45

Asn Leu Val Ile Met Gly Arg Lys Thr Trp Phe Ser Ile Pro Glu Lys
50 55 60

Asn Arg Pro Leu Lys Asp Arg Ile Asn Ile Val Leu Ser Arg Glu Leu
65 70 75 80

Lys Glu Pro Pro Arg Gly Ala His Phe Leu Ala Lys Ser Leu Asp Asp
85 90 95

Ala Leu Arg Leu Ile Glu Gln Pro Glu Leu Ala Ser Lys Val A